

Patent claims

1. Turntable for a drive for storage media in disc form, with a bore (3) for receiving a motor shaft (4) of a drive motor (5), characterized in that the diameter of the bore (3) is greater, at least in a partial region of the bore (3), than the diameter of the motor shaft (4), so that there is a gap (7) between the wall of the bore (3) and the motor shaft (4), and the inclination and/or the position of the turntable (1) can be set in relation to an axis of rotation (6) of the motor shaft (4).
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2. Turntable according to Claim 1, characterized in that the bore (3) is substantially cylindrical.
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3. Turntable according to Claim 2, characterized in that the bore (3) has an annular constriction (8), the diameter of which corresponds substantially to the diameter of the motor shaft (4).
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4. Turntable according to Claim 1, characterized in that the bore (3) is substantially conical.
- 25 5. Turntable according to Claim 4, characterized in that the diameter of the bore (3) at the narrowest point of the bore (3) corresponds substantially to the diameter of the motor shaft (4).
- 30 6. Turntable for a drive for storage media in disc form, with a bore (3) for receiving a motor shaft (4) of a drive motor (5), characterized in that the turntable (1) comprises two or more parts (1a, 1b), so that there is a gap (7) between the parts (1a, 1b) and the inclination and/or the position of at least one of the parts (1a) of the turntable (1) can be set in relation to an axis of rotation (6) of the motor shaft (4).
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7. Method for mounting a turntable (1) with a bore (3) on a motor shaft (4), it being possible to set the inclination and/or the position of the turntable (1) in relation to the motor shaft (4), comprising the steps of:

- 5 - positioning the motor shaft (4) in a defined position with the aid of a first reference area,
- introducing the motor shaft (4) into the bore (3) of the turntable (1),
- 10 - setting the inclination and/or the position of the turntable (1) in relation to the motor shaft (4) with the aid of a second reference area, and
- fixing the motor shaft (4) in the bore (3) of the turntable (1).

8. Method of mounting a turntable with a bore on a motor shaft, the turntable comprising two or more parts (1a, 1b) and it being possible to set the inclination and/or the position of at least one part (1a) in relation to the motor shaft (4), comprising the steps of:

- 20 - mounting the parts (1b) which cannot be set of the turntable (1) on the motor shaft (4),
- positioning the motor shaft (4) in a defined position with the aid of a first reference area,
- setting the inclination and/or the position of the part (1a) which can be set of the turntable (1) in relation to the motor shaft (4) with the aid of a second reference area, and
- 25 - fixing the part (1a) which can be set of the turntable (1) on the motor shaft (4) and/or the parts (1b) which cannot be set of the turntable (1).

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- 35 9. Device for reading from and/or writing to recording media in disc form, characterized in that it has a turntable (1) according to one of Claims 1-6.